



1

SEQUENCE LISTING

<110> CHEN, YIN
TAN, XIN XIN

<120> OLIGODEOXYNUCLEOTIDE (ODN) LIBRARIES, THEIR USE IN
SCREENING FOR ANTIBACTERIAL AGENTS, AND CATALYTIC ODN
SEQUENCE FOR USE AS AN ANTIBACTERIAL AGENT

<130> CRYA, 025/CIP

<140> 10/743,956

<141> 2003-12-23

<150> 10/453,410

<151> 2003-06-03

<160> 33

<170> PatentIn Ver. 3.2

<210> 1

<211> 36

<212> DNA

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 1

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36

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<211> 23

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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cggggtacca gtattccctg gtc

23

<210> 3

<211> 13

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 3

tggtgcgtcc gag

13

<210> 4

<211> 76

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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<211> 82

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ctacaacgat catccagtta at 82

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

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gtttcgaagg ctagctacaa cgatcatcca g

31

<210> 7

<211> 65

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<222> (1)..(25)

<223> a, c, g, or t; this region may encompass 3 to 25
nucleotides according to the specification as filed;
see specification for preferred embodiments.

<220>

<221> modified_base

<222> (41)..(65)

<223> a, c, g, or t; this region may encompass 3 to 25
nucleotides according to the specification as filed;
see specification for preferred embodiments.

<400> 7

nnnnnnnnnn nnnnnnnnnn nnnnnggcta gctacaacga nnnnnnnnnn nnnnnnnnnn 60
nnnnn 65

<210> 8

<211> 63

<212> DNA

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<221> modified_base

<222> (11)..(50)

<223> a, c, g, or t

<400> 8

ctctcactcc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn actgttgaaa 60
ggc 63

<210> 9

<211> 12

<212> DNA

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<223> Description of Artificial Sequence: Synthetic
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cggagagtga gg

<210> 10
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<220>
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<400> 10
 ctttcaacag t

11

<210> 11
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 <223> a, c, g, or t

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57

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<400> 12
 gctagcttaa ttaa

14

<210> 13
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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 13

ctttcaacag ttttgatgac ctttgctgac catacaattg cgatatcgtg gggagtgaga 60
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<210> 14

<211> 16

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 14

cctttgctga ccatac 16

<210> 15

<211> 15

<212> DNA

<213> Artificial Sequence

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<400> 15

gacctttgct gacca 15

<210> 16

<211> 14

<212> DNA

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<400> 16

acagttttga tgac 14

<210> 17

<211> 13

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<400> 17

acaattgcga tat

13

<210> 18

<211> 13

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 18

gacctttgct gac

13

<210> 19

<211> 17

<212> DNA

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<223> Description of Artificial Sequence: Synthetic
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<400> 19

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<210> 20

<211> 13

<212> DNA

<213> Artificial Sequence

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<400> 20

atgacctttg ctg

13

<210> 21

<211> 12

<212> DNA

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<223> Description of Artificial Sequence: Synthetic
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<400> 21

cagttttgat ga

12

<210> 22

<211> 12

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 22

acctttgctg ac

12

<210> 23

<211> 12

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 23

ttgctgacca ta

12

<210> 24

<211> 12

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<223> Description of Artificial Sequence: Synthetic
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<400> 24

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<210> 25

<211> 12

<212> DNA

<213> Artificial Sequence

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<400> 25

gttttgatga cc

12

<210> 26

<211> 12

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<400> 26

gcgatatcgt gg

12

<210> 27

<211> 12

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 27

ttgatgacct tt

12

<210> 28

<211> 11

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 28

tggggagtga g

11

<210> 29

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 29

ttgctgacca t

11

<210> 30

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 30

ttttgatgac c

11

<210> 31

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 31

tgatgacctt t

11

<210> 32

<211> 24

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 32

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24

<210> 33

<211> 12

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic 6xHN
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<400> 33

His Asn His Asn His Asn His Asn His Asn His Asn
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